Gunbi

January 13, 1994
R&D Env. Review Mtg.

1. M/C Stack Testing - 2 weeks beginning 2/21
2. Waste water analysis
3. Phosphine Monitors - Device from McNeil with sampling pump and analogue output. Due during January
   Another unit from Equipment Monitor Co. due next week. Comes equiped with an H_2S monitor as a surrogate.
4. ~~R. D~~ P&E Home provided them end of year 1993 report summary of 1993 Scrubber
5. Engelhard / Johnson Mathey - RFP to be issued, response due in early February. No work expected in July
6. Experiment on carbon capacity.
   4 second contact time - 6 inch deep tube - 10 to 20 mesh size, Full scale objective is to achieve 1 sec. residence
7. KJB to send R&D copy of Calgon procedure on H_2S
8.

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

Fred White

Ed Tucker → Whitmore

1/17 Staff Mtg

CLI - 60-65 Assessors Feb & Mar
5 Programs 1, 3, 4, 5, 10

FET

Basic 4.7%
Mark 26.5%

MIP - Keegan & McCarthy
Next milestone 1/31/94

Asset list

* Survey from VCU - Profiler ⇒ ~~Read~~ ~~Performance~~ Factors
if you get one - fill it out & send it back

VACATIONS
P,U,P

EGT
EYE WOOD COMP LOCAPCO
ORE MEMO
DTW SCHEDO
CMX CAB BL RED
KJD BL 10% T&C - Cab

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

266-8721

Vacation Schedule

~~Dwight~~
Mayada 3655
Podraza 5855 — Thursday mtg
Lorenz 8-215-524-3585
George Barkowitch - ESI - Sludge - 704-427-6200

978
-45
-10
-4
-238
-25
-15
641,000

Doug Guy -
4pm - ½ ~~Thurs~~ Thurs test plan
Fly down Sunday - Deliver Monday
Test & Accept Plan on PC
Test & Accept Plan on Network
No code walk thru - Schedule later

DRs - Work on system for next

Operations Manual to follow - when

20548983324

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

Visitor from Argentina – Information on project development on environmental

Ms Maxine Carey

Scope of Work

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

ERM Test Plan
15 hrs PC testing
8 level 1 & 2 Bugs
5 fixed
2 open to be fixed
1 RQBE - on hold

Erik had signed off on testing a line item
2 screens failed to give proper response

Emissions Factor
New Equip & New Pollutant - went into
a continuous loop

Password change problems

Report formats - Default printer settings
One report wouldn't run - locked up - when
there was not data to report -
"Sampling Event Summary Report"
* - Still working on fix

* Batch loading, validating data
11 tests - 4 failed due to a single
error type

Platform testing began on Wednesday at 2pm
- only one hour completed

Source: https://www.industrydocuments.ucsf.edu/docs/pmgj0000

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34 change requests over 3 days
6 new
1 enhancement
26 - Minor corrections

Some manual issues

⇒ Get errors fixed prior to starting

⇒ Kelly Boots - Maple State

Test delivered a version of different for plant tested in Exton

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Beta Testing - CTB / MPW / DEM

System Status
⇒ Budget
⇒ Configuration Control Documents

3pm Friday

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

1/31 - Env. Rev. on with Sol Rev.
BOD/TSS Surcharge
Air

Permits
Record keeping
Training

Cabarrus - Reporting - H_2SO_4 etc

Parish Staff Mtg in Feb

Wastewater
CM procedures
Detailed walkthru w/ DRZ
Internal & ERM Code review for optimization
Training of WPP & EGT

ERM Cost Enhancements } Priority
ERM DRZ

Doug Guy 582 3423

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

850 = R-1 Recovered 85%
~~Cyr [illegible]~~

* Check letters to TRAF, York, [illegible] etc

Facility
Permit Tracking
Calendar
Waste Reports
X Haz Waste container status tracking interface w/ Manifests
for billing back to operating dept
?, Manifests
Chemical Inventory
- Real time usage of hazardous materials
- Requires [illegible] 12 fields on 8000 chemical
=> Future upgrades
Form R - electronic Submission

Ad hoc
Working

Enter 800a record

=> Customize report for Local POTW

New Focus Releases

2054898329

1) TRASH

2) No mtgs NXT WK

Wages
Estm
KJB
DRZ
CMH

timeout
Network writes

Test by DRZ
Conduct Training for Air Users
CM
Code Review & program efficiency improvements

Prioritize Changes

2/7/94

V KYE/CH | Wpp - Ltr
✓ MJB | JRM

↖ Hague

→ Fires - Welding & Cutting

Call York / JRC / Training Center

P, Hs 2
Bilona 2:30
H INT 3:
Band 3:30

CLERK HELP

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

A E 100Y SEQ

SEXTON
Cupning - Prior Slay
Dont put add copy or ~~[illegible]~~ adult [illegible]

and top pgs

[redacted]

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Compound	DRYE % Rem	INCIN	Tech
Port			
NMC			
NH_3			

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

P.O.
Timeliness
Follow up
Communications
Focus on Key Issues - Prioritizing

Weekly Reports
Prof Development
Team work

FORM R

MPW Nicotine out of Stacks - Evaporators
out the water

WSA PVD
Eval LMCP/ Boiler for 2 months
Plot Plan
Schematic - Air
Water
Collect Perf. Data ~~OEM~~
ERM resources - Sketches & overview

2054698333

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

R&D Mtg Room 3/22, 23, ~~Thursday~~ all day
3/24 until 1:00 pm
Army Conf Room 3:24 1-3 pm

R&D
Stats Lab
Flr Ctr

C/C
PM Std Lab
Tower
Semi Works

Records
Participats

12.30 3/23

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

(trade in kind)

WSA Barrington – ERM – computer
– Punch lists

$ 200K M/C
Modernize

~~This mtg w/ Lou~~
TSB ~~Audit~~

WSA PA's to Floyd

H_2SO_4 – Bonk Stack
Paul Pitts – GMB

HB – Cube Consultant

Dayoff BOT, KSB, DTW, DRZ

Action Items – Cabarrus – E.S. to tier
info for Marty

H_2SO_4 – Keep Marty

3pm ~~Friday~~ Thursday

20548983335

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

2/21 staff mtg
Floyd Johnson

WSA Hyatt House - McLaren / Hart

DEC Computer - Ben Sorrells

Jan Brady

WSA 3/3 ~~EG~~ Team MIP mtg

Audit Cfer / Mowry

Commerce Rd
Talk to them about them doing their own Audit

WSA PM Dwnd / Lased Wkses Raymond

WSA 20th Audit

---

① Phase I declared complete
② Implement approved change requests on master program
④ Organize pending change requests
then set criteria for approval
③ Complete Data Cleanup 3/4
⑤ Complete Configuration Mgmt Syste

Trains Schedfor ~ 3/18 Not start Ph II Program 3/

Prof Develop

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

CFC Release

LAK Safety Klean Solvents - Large Qty Generator

LAK TSDF audits Procedure/Software

Sludge nicotine
Nicotine source

March 1, 1994 - Department Meet

Program Committee
20th St - Water DEM

WSA Clean up Cubes

CMH Shoes

LMCP

Claire - Letter to ASHRAE from Maryalen

WSA/CMH 20th Street Internal Audit

DMT - Cofer Road
Clear

Construct Changes in Scope

2054808337

~~6.35~~ 6.10

15.75	.75
18.6	1.00
19.4	1.25
12.7	1.50
13.13	1.75
7.4	2.00

2054898398

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

3/4/94
Dave Merrill - New Jersey Fire
4 drums - 3 by RTS from ~~NJ~~ to ~~AA~~
Disposal of 1 drum

3/2/94
Dean Johnson 5503
WFP to contact N.C. State about pending trial

~~BCK~~ MPW Packing Group - added to
DOT, UN,
49 CFR / Larry Muller

MPW ~~EGT~~ - CH_2MHill - Solids at Cabarrus

---

(1) Call Armentrout - Wed regarding variance for soil disposal from Roslyn Converters

(2) Armentaout to sample west wells this week
7 wells - 1 drum per well - access thru Freshkote
→ Will call Thursday to confirm - John Pollard

→ Respond to MPW on P.O's

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

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Susan Gooding - 4709

Source: https://www.industrydocuments.ucsf.edu/docs/pmdl0000

Jim Boland
Health standard with regard to ETS
Protect against

---

1. Talk to Burrington/Hunton about particles to
2. Monthly Environmental for BC/PSOC
2a Check Background formulas for
3. Update CFC Inventories
4. Water Treatment Stds
5 Halon Policy

Tues-Wed - Fumigation
Next weeks Mtg Canceled

Budget

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

4/18 DEM Staffing
360 degree feedback mid June
WSA ⇒ Feedback on PMP process - None to date from Faust
Objective from DEM - Now possible

WSA Minority Spending - DEM - Waste Mgmt

WSA Budgets
WSA PMP - FB
WSA Wagner
WSA Develop Plans

BL - Tall Stacks
- ~~Do~~ Make RL Process a workable substitute for BL

WSA - Call IAQ vendor

2054808342

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

4/21 Phosphine Report – R&D

Silver Nitrate $AgNO_3$
Hydrogen Peroxide H_2O_2
Phosphoric Acid H_3PO_4
Vanadyl Sulfate $VOSO_4 \times H_2O$
Sodium Tungstate

Silver – Dry Phosphine from Air to Liquid
Vanadium & Tungstate activate H_2O_2

* Ramp up scrubber – for wetting of packing and to avoid plugging of sieve plate – One hour ramp

>65% free area – originally – Then larger perhaps as large as 85% free area

Packing Conductivity
Ambient 69°F – 83°F

Mat'l of Construction
Sieve Tray / Spray Tower / Packed Bed

* pH 1.0 solution

* Stay time
* Transport

* Tractor to move Trench Bed w/ Scrubber
* Headcount

2054838348

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

MTG on Ambient Air Monitoring — Eddie Thomas

4/22 — BL/RL Plans — Kankakee
Financial impact of various sheet products and where they are produced. Including OTM sheet, Cast Leaf, RLL vs well as BL vs Bermuda vs New Site

43 MM# Cast Products (RCB)
130 MM# RL (RLTC/RLB vs RLL)

RCB feedstock used at Park 500,
Modify P500 to get improved ~~Cost~~ Class Tobacco utilization
⇒ Conclusion
7¢/lb cost penalty to go to RLL from RL

Cast Leaf is 12¢/lb more expensive than RCB
10¢ is ~~to~~ due to ≈ 20% reduction in process speed

~~to~~ Use RCB & RL feed stock to produce new OTM sheet using class tobacco — Save $ 2M/year
— Shutdown BL Plant — Sten & Scrap goes to RL, class dust goes to new OTM process

Recommendations
- Trial test old Park 500 class tobacco at the size press
- Get fine grind permit at BL when Title V is done
- Develop R & D process for new OTM sheet

Preferred supplier status of PMUSA
⇒ Sheet production plant consolidation

Meeting w/ QC 5/11 on for update on feasibility

2054898344

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

OBD 4,378

Herb Bobbet – S.C. DEQ

Cans in area with holes shot in

Herbs none

American Contruited Coatings –
(Parquet Flooring)

Harris Mark 10A adhesive –
(for Parquet Tile)

New, unopened cans with holes shot in side

Adhesive is normally applied by Hall Contracts or others.

~~Adhesive is not kept in inventory and is not applied~~

Adhesive is stored in small qty (up to 12-5 gal cans) for replacement of small areas – Not PM

Also some in ventory Contin Coatings – 350 gallon is kept in inventory – Not applied by PM personnel

53 drums

About 18 mos ago coating was applied, then removed using Xylene and manifested as a hazardous waste.

4 – 5 gallon containers top coating

1 – 5 gal can Adhesive

Also talked to Harris

DEQ – had seen thumbs – Unopened shot in side

→ Resolution –

Sector, AETC to meet DEQ personal site & do an assessment – take photos

2054608345

11/21 Sheriff dept is investigating now. But AEIC is lined up to go down to investigate, cleanup mess.

2095393346

Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

Entropy 800-486-3550
Pete Watson

4/27 Ben Baronian, Charlie Krause on
Odor problems

Problem since 1984 - State initiated

Jim Sandoe VA DEQ

Air sample analyzed by R&D -
Sulfur, phenol compounds

Told state a whole bunch of things, but no specifics
and stopped work

Near Mr. Birdsong's property

State to do more aggressive sampling

Bailers - Low ash coal
.75% - 5% ash - Westmoreland Coal (4/4, 3/30)
1% vs 9-10%
.66 - 7.9% 5.38 → 11.4 12 mg/l
no difference in charge

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

Mike Robertson

26K + 125K = 151K / 78K paid to date
16K for soil profile

60K for shoring

Verify unit costs for soil disposal as appropriate

Source: https://www.industrydocuments.ucsf.edu/docs/pmg00000

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Source: https://www.industrydocuments.ucsf.edu/docs/pngl0000

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Source: https://www.industrydocuments.ucsf.edu/docs/pmgl0000

August 1993

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September 1993

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October 1993

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November 1993

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December 1993

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January 1994

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February 1994

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March 1994

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 1994

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 1994

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 1994

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 1994

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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